

AST-1306

Cat. No. CEI-0001

Lot. No. (See product label)

Introduction

Description AST-1306 also ErbB2 and EGFR T790M/L858R double mutant. AST-1306 might covalently bind to specific amino acid residues of EGFR and ErbB2. AST-1306 acts in a concentration dependent manner to significantly inhibit the growth of H1975-EGFR T790M/L858R cells. AST-1306 effectively suppresses EGFR phosphorylation in H1975-EGFR T790M/L858R cells. Moreover, AST-1306 blocks the growth of NCI-H1975 cells that harbor the EGFR T790M/L858R mutation in a concentration-dependent manner. AST-1306 blocks phosphorylation of EGFR and downstream pathways as well. In addition, AST-1306 dose-dependently and markedly inhibits EGF-induced EGFR phosphorylation in A549 cells.

Product Information

CAS No.	1050500-29-2
Molecular Formula	C ₂₄ H ₁₈ ClFN ₄ O ₂
Chemical Name	2-Propenamide, N-[4-[[3-chloro-4-[(3-fluorophenyl)methoxy]phenyl]amino]-6-quinazolinyl]-, 4-methylbenzenesulfonate (1:1)
Molecular Weight	621.08
Purity	>99%
Targets	EGFR, ErbB2

Storage and Shipping Information

Storage 2 years -20 centigrade Powder